



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Arkansas Department of Agriculture
1 Natural Resource Drive
Little Rock, AR 72205

Date: August 2, 2022
Expiration Date: October 15, 2022
Final Report Due Date: April 15, 2023
File Symbol: 22AR02
**** AMENDMENT ****

Attn: Scott Bray and Brandi Reynolds

***** AMENDMENT *****

The Environmental Protection Agency hereby **amends** the specific exemption authorized under the provisions of Section 18 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended, to the Arkansas Department of Agriculture for the use of thiamethoxam (CAS No. 153719-23-4), on rice to control the rice stink bug in Arkansas. The exemption is amended to revise the pre-harvest interval from 21 to 14 days, and to remove reference to seed treatment use from the use directions.

Accordingly, item (4) of the original authorization is amended as follows:

4. A 14-day pre-harvest interval (PHI), a 5-day retreatment interval (RTI) and a 24-hour restricted entry interval (REI) must be observed.

All other conditions set forth in your request dated June 1, 2022, the original authorization of July 27, 2022, and the revised use directions submitted on August 3, 2022, must be followed.

If you have any questions with respect to this exemption, please contact Emergency Response Team member Andrea Conrath (conrath.andrea@epa.gov, 202-566-2568) or the Emergency Response Team Acting Senior Regulatory Specialist, David Lieu (lieu.david@epa.gov, 202-566-2815).

Eric

Bohnenblust

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Eric Bohnenblust, Ph.D., Chief
Minor Use and Emergency Response Branch
Registration Division
Office of Pesticide Programs

cc: Robert Luschek, USEPA Region 6
Monica Smith, USEPA Region 6 Tribal Coordinator

RESTRICTED USE PESTICIDE
DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS, OR PERSONS UNDER THEIR DIRECT
SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S
CERTIFICATION.



Section 18 Emergency Exemption

TO CONTROL RICE STINK BUG IN RICE IN THE STATE OF ARKANSAS

EPA File Symbol: 22AR02

EFFECTIVE DATE: 07/27/2022
EXPIRATION DATE: 10/15/2022

Endigo® ZC
EPA Reg. No. 100-1276

KEEP OUT OF REACH OF CHILDREN.

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY
RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.**

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA-registered Endigo ZC label (EPA Reg. No. 100-1276).

This label must be in the possession of the user at the time of application.

Any adverse effects resulting from the use of Endigo ZC under this exemption must be immediately reported to the Arkansas Department of Agriculture.

CROP USE DIRECTIONS

Crop	Pest	Rate of Endigo ZC per Acre per Application
Rice	Rice stink bug	4.5 – 6.0 fl oz

Use Restrictions:

- To reduce risks to bees due to spray drift, the area within 100 feet of the edge of the field (paddy) must be kept free of flowering weeds.
- **Application Timing:** Apply as required by scouting, usually at intervals of 5 or more days. Base timing and frequency of applications upon insect populations reaching locally determined economic thresholds.
- **Maximum Endigo ZC Allowed per Application:** Do not exceed a total of 6.0 fl. oz. of Endigo ZC per acre per application (0.055 lb ai of thiamethoxam and 0.04 lb ai of lambda-cyhalothrin).
- **Maximum Endigo ZC Allowed per Year:** Do not exceed a total of 18.5 fl. oz. of Endigo ZC per acre per year (0.170 lb ai of thiamethoxam and 0.12 lb ai of lambda-cyhalothrin). Do not apply more than 6.0 fl oz of Endigo ZC per acre within 21 to 27 days of harvest.
- Up to four applications may be made by aerial application only.
- **Pre-Harvest Interval (PHI):** 14 days
- **Minimum interval between applications:** 5 days
- **Water Volume:** Apply by air equipment only using sufficient water volume to ensure thorough coverage of foliage. **Do not** use less than 2 GPA for aerial applications. **Do not** apply as an ultra-low volume (ULV) spray. Adding an emulsified crop oil (e.g., 1 pt. per acre) when lower aerial application volumes are used is recommended to help improve coverage, reduce evaporation, and improve efficacy.
- **Flood Water:** Do not release flood water within 7 days of an application.
- **Aquaculture:** Do not use treated rice fields for the aquaculture of edible fish and crustacea.

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Registrant:
Syngenta Crop Protection, LLC
PO Box 18300
Greensboro, NC 27419

Label Code: AR1276053CB0522